SUPPLEMENTAL SHEET. SERIAL NO. 4607

Remarks under"7"

This water is designed to irrigate the land covered by Application No. 2456 after the normal flow of Mud Meadows Creek fails, also 1360 acres additional land throughout the season.

The total drainage area of Mud Meadows Creek above the proposed reservoir is about 800 square miles, but the precipitation on the major portion of this is very light and the run-off which occurs early in the season is relatively small.

In normal years the Creek is practically dry before the end of May, while earlier there is a large surplus of water which now goes to waste.

A portion of this surplus water from one of the tributaries is designed to be impounded in High Rock Lake, under Application No. 4098, some 18 miles by the natural channel above, and in conjunction with that of other tributaries entering between there and the proposed reservoir, will be stored and regulated here.

During dry seasons the run-off is so small that it is doubtful if the reservoir can be filled each year, hence it will be necessary to store and carry the surplus water of wet and normal seasons to supplement the dry year supply.

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